

## ELECTROPHORESIS SEPARATO

### ABSTRACT OF THE DISCLOSURE

An electrophoresis separator of which a receiving tank used for placing therein carriers has slots on the two sides thereof, one side of each carrier has a notch matching with a corresponding slot; so that when the carrier is inserted in the receiving tank, a blocking piece provided at the bottom of the receiving tank covers the bottom of the carrier and the crevice between the notch and the receiving tank; and a blocking sheet is inserted into the slot and notch. The blocking sheet can be removed from the slot and notch after the gel in the carrier is fixed and shaped, then the gel can contact the electric conducting liquid in the electrophoresis tank through the slot and notch; the other end of the gel body will contact the electric conducting liquid through an upper opening of the carrier directly. When electrodes are activated, electric current floating is resulted to cause an effect of molecule separation and analysis for the sample in the gel.